

RAW SEQUENCE LISTING

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Application Serial Number: 10/511,273
Source: PCT
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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/511,273

DATE: 08/04/2005
TIME: 14:17:15

Input Set : A:\260449US0XPCT.txt
Output Set: N:\CRF4\08042005\J511273.raw

3 <110> APPLICANT: KOSMATOPOULOS, KOSTAS
4 ALVES, PEDRO
6 <120> TITLE OF INVENTION: EPHA2 ANTIGEN T EPITOPES
8 <130> FILE REFERENCE: 260449US0XPCT
10 <140> CURRENT APPLICATION NUMBER: 10/511,273
11 <141> CURRENT FILING DATE: 2004-10-21
13 <150> PRIOR APPLICATION NUMBER: PCT/FR03/01280
14 <151> PRIOR FILING DATE: 2003-04-23
16 <150> PRIOR APPLICATION NUMBER: FR 02/05048
17 <151> PRIOR FILING DATE: 2002-04-23
19 <160> NUMBER OF SEQ ID NOS: 10
21 <170> SOFTWARE: PatentIn version 3.3
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 976
25 <212> TYPE: PRT
26 <213> ORGANISM: Homo sapiens
28 <400> SEQUENCE: 1
30 Met Glu Leu Gln Ala Ala Arg Ala Cys Phe Ala Leu Leu Trp Gly Cys
31 1 5 10 15
34 Ala Leu Ala Ala Ala Ala Ala Gln Gly Lys Glu Val Val Leu Leu
35 20 25 30
38 Asp Phe Ala Ala Ala Gly Gly Glu Leu Gly Trp Leu Thr His Pro Tyr
39 35 40 45
42 Gly Lys Gly Trp Asp Leu Met Gln Asn Ile Met Asn Asp Met Pro Ile
43 50 55 60
46 Tyr Met Tyr Ser Val Cys Asn Val Met Ser Gly Asp Gln Asp Asn Trp
47 65 70 75 80
50 Leu Arg Thr Asn Trp Val Tyr Arg Gly Glu Ala Glu Arg Ile Phe Ile
51 85 90 95
54 Glu Leu Lys Phe Thr Val Arg Asp Cys Asn Ser Phe Pro Gly Gly Ala
55 100 105 110
58 Ser Ser Cys Lys Glu Thr Phe Asn Leu Tyr Tyr Ala Glu Ser Asp Leu
59 115 120 125
62 Asp Tyr Gly Thr Asn Phe Gln Lys Arg Leu Phe Thr Lys Ile Asp Thr
63 130 135 140
66 Ile Ala Pro Asp Glu Ile Thr Val Ser Ser Asp Phe Glu Ala Arg His
67 145 150 155 160
70 Val Lys Leu Asn Val Glu Glu Arg Ser Val Gly Pro Leu Thr Arg Lys
71 165 170 175
74 Gly Phe Tyr Leu Ala Phe Gln Asp Ile Gly Ala Cys Val Ala Leu Leu
75 180 185 190
78 Ser Val Arg Val Tyr Tyr Lys Lys Cys Pro Glu Leu Leu Gln Gly Leu
79 195 200 205

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82 Ala His Phe Pro Glu Thr Ile Ala Gly Ser Asp Ala Pro Ser Leu Ala
83 210 215 220
86 Thr Val Ala Gly Thr Cys Val Asp His Ala Val Val Pro Pro Gly Gly
87 225 230 235 240
90 Glu Glu Pro Arg Met His Cys Ala Val Asp Gly Glu Trp Leu Val Pro
91 245 250 255
94 Ile Gly Gln Cys Leu Cys Gln Ala Gly Tyr Glu Lys Val Glu Asp Ala
95 260 265 270
98 Cys Gln Ala Cys Ser Pro Gly Phe Phe Lys Phe Glu Ala Ser Glu Ser
99 275 280 285
102 Pro Cys Leu Glu Cys Pro Glu His Thr Leu Pro Ser Pro Glu Gly Ala
103 290 295 300
106 Thr Ser Cys Glu Cys Glu Glu Gly Phe Phe Arg Ala Pro Gln Asp Pro
107 305 310 315 320
110 Ala Ser Met Pro Cys Thr Arg Pro Pro Ser Ala Pro His Tyr Leu Thr
111 325 330 335
114 Ala Val Gly Met Gly Ala Lys Val Glu Leu Arg Trp Thr Pro Pro Gln
115 340 345 350
118 Asp Ser Gly Gly Arg Glu Asp Ile Val Tyr Ser Val Thr Cys Glu Gln
119 355 360 365
122 Cys Trp Pro Glu Ser Gly Glu Cys Gly Pro Cys Glu Ala Ser Val Arg
123 370 375 380
126 Tyr Ser Glu Pro Pro His Gly Leu Thr Arg Thr Ser Val Thr Val Ser
127 385 390 395 400
130 Asp Leu Glu Pro His Met Asn Tyr Thr Phe Thr Val Glu Ala Arg Asn
131 405 410 415
134 Gly Val Ser Gly Leu Val Thr Ser Arg Ser Phe Arg Thr Ala Ser Val
135 420 425 430
138 Ser Ile Asn Gln Thr Glu Pro Pro Lys Val Arg Leu Glu Gly Arg Ser
139 435 440 445
142 Thr Thr Ser Leu Ser Val Ser Trp Ser Ile Pro Pro Pro Gln Gln Ser
143 450 455 460
146 Arg Val Trp Lys Tyr Glu Val Thr Tyr Arg Lys Lys Gly Asp Ser Asn
147 465 470 475 480
150 Ser Tyr Asn Val Arg Arg Thr Glu Gly Phe Ser Val Thr Leu Asp Asp
151 485 490 495
154 Leu Ala Pro Asp Thr Thr Tyr Leu Val Gln Val Gln Ala Leu Thr Gln
155 500 505 510
158 Glu Gly Gln Gly Ala Gly Ser Lys Val His Glu Phe Gln Thr Leu Ser
159 515 520 525
162 Pro Glu Gly Ser Gly Asn Leu Ala Val Ile Gly Gly Val Ala Val Gly
163 530 535 540
166 Val Val Leu Leu Val Leu Ala Gly Val Gly Phe Phe Ile His Arg
167 545 550 555 560
170 Arg Arg Lys Asn Gln Arg Ala Arg Gln Ser Pro Glu Asp Val Tyr Phe
171 565 570 575
174 Ser Lys Ser Glu Gln Leu Lys Pro Leu Lys Thr Tyr Val Asp Pro His
175 580 585 590
178 Thr Tyr Glu Asp Pro Asn Gln Ala Val Leu Lys Phe Thr Thr Glu Ile

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179	595	600	605
182	His Pro Ser Cys Val Thr Arg Gln Lys Val Ile Gly Ala Gly Glu Phe		
183	610	615	620
186	Gly Glu Val Tyr Lys Gly Met Leu Lys Thr Ser Ser Gly Lys Lys Glu		
187	625	630	635
190	640		
191	Val Pro Val Ala Ile Lys Thr Leu Lys Ala Gly Tyr Thr Glu Lys Gln		
194	645	650	655
195	Arg Val Asp Phe Leu Gly Glu Ala Gly Ile Met Gly Gln Phe Ser His		
198	660	665	670
199	His Asn Ile Ile Arg Leu Glu Gly Val Ile Ser Lys Tyr Lys Pro Met		
202	675	680	685
203	Met Ile Ile Thr Glu Tyr Met Glu Asn Gly Ala Leu Asp Lys Phe Leu		
206	690	695	700
207	Arg Glu Lys Asp Gly Glu Phe Ser Val Leu Gln Leu Val Gly Met Leu		
210	705	710	715
211	720		
214	Arg Gly Ile Ala Ala Gly Met Lys Tyr Leu Ala Asn Met Asn Tyr Val		
215	725	730	735
218	His Arg Asp Leu Ala Ala Arg Asn Ile Leu Val Asn Ser Asn Leu Val		
219	740	745	750
222	Cys Lys Val Ser Asp Phe Gly Leu Ser Arg Val Leu Glu Asp Asp Pro		
223	755	760	765
226	Glu Ala Thr Tyr Thr Ser Gly Gly Lys Ile Pro Ile Arg Trp Thr		
227	770	775	780
230	Ala Pro Glu Ala Ile Ser Tyr Arg Lys Phe Thr Ser Ala Ser Asp Val		
231	785	790	795
234	800		
235	Trp Ser Phe Gly Ile Val Met Trp Glu Val Met Thr Tyr Gly Glu Arg		
236	805	810	815
238	Pro Tyr Trp Glu Leu Ser Asn His Glu Val Met Lys Ala Ile Asn Asp		
239	820	825	830
242	Gly Phe Arg Leu Pro Thr Pro Met Asp Cys Pro Ser Ala Ile Tyr Gln		
243	835	840	845
246	Leu Met Met Gln Cys Trp Gln Gln Glu Arg Ala Arg Arg Pro Lys Phe		
247	850	855	860
250	Ala Asp Ile Val Ser Ile Leu Asp Lys Leu Ile Arg Ala Pro Asp Ser		
251	865	870	875
254	880		
255	Leu Lys Thr Leu Ala Asp Phe Asp Pro Arg Val Ser Ile Arg Leu Pro		
256	885	890	895
258	Ser Thr Ser Gly Ser Glu Gly Val Pro Phe Arg Thr Val Ser Glu Trp		
259	900	905	910
262	Leu Glu Ser Ile Lys Met Gln Gln Tyr Thr Glu His Phe Met Ala Ala		
263	915	920	925
266	Gly Tyr Thr Ala Ile Glu Lys Val Val Gln Met Thr Asn Asp Asp Ile		
267	930	935	940
270	Lys Arg Ile Gly Val Arg Leu Pro Gly His Gln Lys Arg Ile Ala Tyr		
271	945	950	955
274	960		
275	SEQ ID NO: 2		
	LENGTH: 9		

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276 <212> TYPE: PRT
277 <213> ORGANISM: Artificial Sequence
279 <220> FEATURE:
280 <223> OTHER INFORMATION: Synthetic Peptide
282 <400> SEQUENCE: 2
284 Ile Val Gly Ala Glu Thr Phe Tyr Val
285 1 5
288 <210> SEQ ID NO: 3
289 <211> LENGTH: 10
290 <212> TYPE: PRT
291 <213> ORGANISM: Artificial Sequence
293 <220> FEATURE:
294 <223> OTHER INFORMATION: Synthetic Peptide
296 <400> SEQUENCE: 3
298 Arg Pro His Glu Arg Asn Gly Phe Thr Val
299 1 5 10
302 <210> SEQ ID NO: 4
303 <211> LENGTH: 9
304 <212> TYPE: PRT
305 <213> ORGANISM: Artificial Sequence
307 <220> FEATURE:
308 <223> OTHER INFORMATION: Synthetic Peptide
310 <400> SEQUENCE: 4
312 Ile Met Asn Asp Met Pro Ile Tyr Met
313 1 5
316 <210> SEQ ID NO: 5
317 <211> LENGTH: 9
318 <212> TYPE: PRT
319 <213> ORGANISM: Artificial Sequence
321 <220> FEATURE:
322 <223> OTHER INFORMATION: Synthetic Peptide
324 <400> SEQUENCE: 5
326 Asp Met Pro Ile Tyr Met Tyr Ser Val
327 1 5
330 <210> SEQ ID NO: 6
331 <211> LENGTH: 9
332 <212> TYPE: PRT
333 <213> ORGANISM: Artificial Sequence
335 <220> FEATURE:
336 <223> OTHER INFORMATION: Synthetic Peptide
338 <400> SEQUENCE: 6
340 Val Leu Leu Leu Val Leu Ala Gly Val
341 1 5
344 <210> SEQ ID NO: 7
345 <211> LENGTH: 9
346 <212> TYPE: PRT
347 <213> ORGANISM: Artificial Sequence
349 <220> FEATURE:
350 <223> OTHER INFORMATION: Synthetic Peptide

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352 <400> SEQUENCE: 7
354 Val Leu Ala Gly Val Gly Phe Phe Ile
355 1 5
358 <210> SEQ ID NO: 8
359 <211> LENGTH: 9
360 <212> TYPE: PRT
361 <213> ORGANISM: Artificial Sequence
363 <220> FEATURE:
364 <223> OTHER INFORMATION: Synthetic Peptide
366 <400> SEQUENCE: 8
368 Thr Leu Ala Asp Phe Asp Pro Arg Val
369 1 5
372 <210> SEQ ID NO: 9
373 <211> LENGTH: 9
374 <212> TYPE: PRT
375 <213> ORGANISM: Artificial Sequence
377 <220> FEATURE:
378 <223> OTHER INFORMATION: Synthetic Peptide
380 <400> SEQUENCE: 9
382 Tyr Met Pro Ile Tyr Met Tyr Ser Val
383 1 5
386 <210> SEQ ID NO: 10
387 <211> LENGTH: 13
388 <212> TYPE: PRT
389 <213> ORGANISM: Artificial Sequence
391 <220> FEATURE:
392 <223> OTHER INFORMATION: Synthetic Peptide
394 <400> SEQUENCE: 10
396 Thr Pro Pro Ala Tyr Arg Pro Pro Asn Ala Pro Ile Leu
397 1 5 10

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/511,273

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Input Set : A:\260449US0XPCT.txt

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